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Artificial Intelligence in Sleep Medicine

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Message from the Guest Editors

The use of artificial intelligence as a sleep instrument in sleep medicine began only a few years ago, and evolved to aid in the clinical evaluation and important addition to the panel of available instruments detecting and assessing sleep disorders. Nowadays artificial intelligence is an integrative part of sleep medicine and will gain even more relevance in the near future with the increasingly use of wearables and nearables to assess sleep in the home environment.

This Special Issue aims to present cutting-edge data on artificial intelligence applications in sleep medicine, ranging from physiological sleep to the whole spectrum of sleep disorders. Topics which should be covered include narcolepsy/central hypersomnia, REM- and NREM-sleep parasomnias, restless leg syndrome, sleep-related breathing disorders and circadian rhythm disorders. We solicit studies investigating the link between sleep and health, with a special focus on cardiovascular diseases and brain health/neurodegeneration. Opinion pieces on how artificial intelligence is changing the sleep science field or overview works on this topic can also be included in this Special Issue.

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Message from the Editor-in-Chief

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